

11/21/01

J1051 U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Only for new nonprovisional applications under 37 CFR 1.53(b)

Attorney Docket No.

2404-455

First Inventor

Gordon L. Woods

**Title** Methods for Regulating Levels of Zinc, Cadmium and Calcium in Humans and for Diagnosing, or Screening for the Risk of Developing, Diseases Associated with Abnormal Levels of Cadmium, Zinc and Calcium in Body Fluids and Tissues



**Assignee Information:** CancEr2 Inc.  
Moscow, Idaho

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:** Assistant Commissioner of Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
3. ☒ Specification Total pages [64]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross references to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to sequence listing, a table or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 USC 113) (Total Sheets) [ ]
5. ☒ Oath or Declaration (Total Pages) [2]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application  
(37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
**[Note Box 5 below]**
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application,
6. ☒ Application Data Sheet.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program
8. Nucleotide and/or Amino Acid Sequence Submission
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement  
(when there is an assignee)
  - ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement /PTO 1449
  - ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s).
16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).

**17. If a CONTINUING APPLICATION**

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/610,538

Prior application information: Examiner S. Jiang Group Art Unit 1617

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

☒ Customer Number or Bar Code Label **6449**

Address

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Signature

Barbara G. Ernst

Date Nov. 21, 2001

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09/989674

11/21/01

<b>FEE TRANSMITTAL for FY 2001 (Small Entity)</b>		<i>Complete if Known</i>	
		Application Number	
		Filing Date	
		First Named Inventor	Gordon L. Woods
		Examiner Name	
		Group Art Unit	
Total Amount of Payment	(\$1,744.00)	Attorney Docket Number	2404-105

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge to charge the required fees to Deposit Account  
Deposit Account No. 02-2135 in the name of  
Rothwell, Figg, Ernst & Manbeck

☒ Charge any Additional Fee Required Under  
37 CFR 1.16 and 1.17

☒ Applicant claims small entity status.

2. ☐ Payment Enclosed:

- ☐ Check  
☐ Credit Card

**FEE CALCULATION**
**1. FILING FEE**

Fee Code	Fee \$	Fee Description	Fee Paid
201	370	Utility filing fee	[370.00]
206	165	Design Filing Fee	[ ]
207	255	Plant Filing Fee	[ ]
208	370	Reissue Filing Fee	[ ]
214	80	Provisional Filing Fee	[ ]

**SUBTOTAL \$370.00**

**2. CLAIMS**

Total Claims	Independent	Claims	Multiple Dependent Claims	Extra Claims	Fee	Fee Paid
[78]				- 20** = [58]	x \$9 =	[522]
		[19]		- 3** = [16]	x 42 =	[672]
				+	140 =	[140]

\*\*or number previously paid, if greater;

**SUBTOTAL \$1,334.00**

**FEE CALCULATION (continued)**
**3. ADDITIONAL FEES**

Fee Code	Fee Paid	Fee Description	Fee Paid
205	65	Surcharge - late filing fee or oath	[ ]
227	25	Surcharge - late provisional filing fee or cover sheet	[ ]
139	130	Non-English specification	[ ]
147	2,520	For filing a request for reexamination	[ ]
112	920	Requesting publication of SIR prior to Examiner action	[ ]
113	1,840*	Requesting publication of SIR after Examiner action	[ ]
215	55	Extension for reply within first month	[ ]
216	200	Extension for reply within second month	[ ]
217	460	Extension for reply within third month	[ ]
218	720	Extension for reply within fourth month	[ ]
228	980	Extension for reply within fifth month	[ ]
219	160	Notice of Appeal	[ ]
220	160	Filing a brief in support of an appeal	[ ]
221	150	Request for Oral Hearing	[ ]
138	1,510	Petition to institute a public use proceeding	[ ]
240	55	Petition to revive -unavoidable	[ ]
241	640	Petition to revive - unintentional	[ ]
242	640	Utility issue fee (or reissue)	[ ]
243	230	Design issue fee	[ ]
244	310	Plant issue fee	[ ]
122	130	Petitions to the Commissioner	[ ]
123	50	Processing fee under 37 CFR 1.17(q)	[ ]
126	180	Submission of Information Disclosure Statement	[ ]
581	40	Recording each patent assignment per property (times number of properties)	[40.00]
246	370	Filing a submission after final rejection (37 CFR .129(a))	[ ]
249	370	For each additional invention to be examined (37 CFR 1.129(b))	[ ]
279	370	Request for Continued Examination (RCE)	[ ]
169	900	Request for expedited examination of a design application	[ ]
195	300	Publication fee for early, voluntary, or normal publication	[ ]
196	300	Publication fee for republication	[ ]
089	200	Filing an application for patent term adjustment	[ ]
090	400	Request for reinstatement of term reduced	[ ]
		Other fee (specify)	[ ]

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL \$40.00**

SUBMITTED BY		Complete (if applicable)	
NAME AND REG. NUMBER	Barbara G. Ernst, Reg. No. 30,377		
SIGNATURE	DATE	DEPOSIT ACCOUNT USER ID	
<i>Barbara G. Ernst</i>	Nov. 21, 2001		